Applicant: Lucidarme
Serial No.: __/___,___

Page 1, line 3.1, insert -- and -- after the term "antenna".

Page 2, between lines 6 and 7, insert the heading -- SUMMARY OF THE INVENTION--

A1

Page 3, before line 17, insert the heading -- BRIEF DESCRIPTION OF THE DRAWINGS

A2

Page 3, between lines 37 and 38, insert the heading -- DESCRIPTION OF PREFERRED

A3 EMBODIMENTS --

IN THE ABSTRACT:

Please cancel the abstract as printed in the front page of the PCT publication, and insert the Abstract of the Disclosure as submitted in the appended sheet.

IN THE CLAIMS:

Please cancel Claims 1-8 and add new claims 9-16 as follows:

9. (New) Radio station, comprising several antennas associated with hybrid polarizing couplers, respectively, each polarizing coupler having at least one input connected to radio signal processing means comprising at least one receiver and two outputs connected to the antenna which

A4 is associated therewith such that when said outputs deliver two quadrature radio signals, respectively, in response to a transmission signal received on one of the two inputs of the polarizing coupler, the

antenna which is associated therewith generates two orthogonal electric field components forming a circularly polarized wave, wherein the receiver is arranged so as to combine several input radio signals obtained from respective inputs of the hybrid polarizing couplers and wherein the antennas are placed so as to radiate toward diametrically opposite sectors.

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10. (New) Radio station according to claim 9, wherein at least one of the hybrid polarizing couplers has two inputs, from which two input radio signals supplied to the receiver are respectively obtained and wherein the receiver is arranged so as to provide diversity processing based on said input radio signals.

11. (New) Radio station according to claim 9, comprising two receivers each receiving two input radio signals respectively, a first division means connected between an input of one of the hybrid polarizing couplers and first respective inputs of the two receivers, and a second division means connected between an input of another hybrid polarizing coupler and second respective inputs of the two receivers.

12. (New) Radio station according to claim 11, comprising two other receivers each receiving two input radio signals respectively, one of these two signals being supplied by the first division means and the other of these two signals being supplied by the second division means.

13. (New) Radio station according to claim 9, comprising at least one radio signal source delivering said transmission signal to an input of a polarizing coupler.

14. (New) Radio station according to claim 13, comprising at least one duplexer connected between the input of the polarizing coupler to which said transmission signal is delivered, an input of the receiver and the radio signal source.

15. (New) Radio station according to claim 14, wherein the radio processing means and the duplexer are housed in a main housing of the radio station, each antenna and each hybrid polarizing coupler being outside said main housing.

16. (New) Radio station according to claim 15, wherein the duplexer is included in a radio circuit also including part of the radio processing means.